

27 September 1985

MEMORANDUM FOR: FBIS/Contracting Officer
FROM: FBIS/Field Engineering Division
SUBJECT: Sole Source Justification

S.T. Research has the test and integration contract for the Bangkok ROSET system and, are preparing for the installation of the complete system on-site. Spare low noise amplifiers are required for this system but were not a part of the original contract. The LNR low noise amplifiers are self contained units that operate in a temperature of 45 degrees Kelvin and have a gain of 55db. There are no other manufacturers of LNAs that can meet this specification at the price quoted. Loral, Scientific Atlanta, Aventec, and Varian are among a few manufacturers that were contacted by the Field Engineering Division and found to be either too expensive, not self contained, or could not meet the required specifications, namely at least 45 degrees Kelvin. It is recommended that S.T. Research be given permission to purchase, test, and ship as part of the overall Bangkok ROSET system the LNR NC4-45SC LNAs.

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